

M12 female 90° A-cod. with cable shielded

PUR 8x0.25 shielded bk UL/CSA+drag ch. 25m

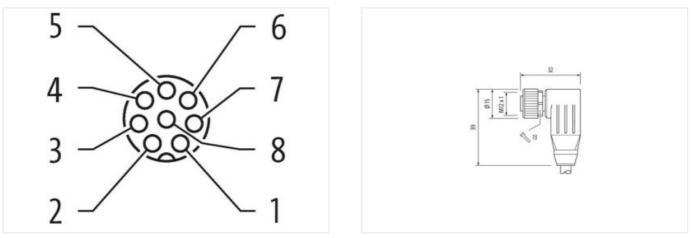
Female 90° M12, 8-pole shielded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration



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Product may differ from Image



25 m

0,6 Nm

Cable length

Side 1

Tightening torque

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-20

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Family construction from M12 * Thread M12 * Material M12 * Material M12 * With accoss flats SW13 Degree of protection (EN IEC dition) IPES, IPERC, IPER Construction (EN IEC dition) 2727921 8 ECLASS 6.0 27279218 ECLASS 8.0 27279218 ECLASS 8.0 27279218 ECLASS 8.10 27000011 ECLASS 9.10 27000011 ECLASS 9.10 10001655 Casions Laiff numbar 6544250 Casions Laiff numbar 65444250 Carina Vallage AC flauk 30 V Operating vallage AC (Li-Listed) 30 V Operating vallage AC (Li-Listed) 30 V Carent operating vallage AC (Li-Listed) 30 V Carent operating vallage AC (Li-Listed) 30 V Carent operating vallage	Mounting method	inserted, screwed	
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Installation Cable	Conformity		
	Product standard	DIN EN 61076-2-101 (M12)	
Cable identification 717	Installation Cable		
	Cable identification	717	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-20

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Cable Type	3	
Jacket Color	black	
Type of Certificate	cURus	
Amount stranding	1	
Stranding	8 wires around Core filler twisted	
Cable shielding (type)	copper braid, tinned	
Cable shielding (coverage)	80 %	
Banding	Fleece, Foil	
Filler	yes	
wire arrangement	brown, white, red, blue, pink, gray, yellow, green	
Cable weigth	66 g/m	
Material jacket	PUR	
Shore hardness jacket	90 ± 5 Shore A	
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	
Outer-diameter (jacket)	7 mm	
Tolerance outer diameter (sheath)	±5%	
Material wire insulation	PP	
Amount wires	8	
Outer diameter insulation	1,2 mm	
Outer diameter tolerance core insulation	± 5 %	
Shore hardness wire insulation	70 ± 5 Shore D	
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	
Amount strands (wire)	32	
Diameter of single wires	0,1 mm	
Conductor crosssection (wire)	0,25 mm²	
Material conductor wire	Stranded copper wire, bare	
Conductor type (wire)	strand class 6	
Traversing distance (C-track)	5 m @ 25 °C horizontal	
Nominal voltage AC max.	300 V	
Current load capacity (standard)	to DIN VDE 0298-4	
Current load capacity min. wire	3 A	
Electrical resistance line constant wire	79 Ω/km @ 20 °C	
AC withstand voltage (wire - wire)	2 kV @ 60 s	
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s	
AC withstand voltage (wire - shield)	2 kV @ 60 s	
Min. operating temperature (static)	-40 °C	
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation	
Operating temperature min. (dynamic)	-25 °C	
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation	
UV resistance	DIN EN ISO 4892-2 A	
Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090	
chemical resistance	Good, application-related testing	
Gasoline resistance	Good, application-related testing	
Oil resistance	Good, application-related testing DIN EN 60811-404	
Bending radius (fixed)	5 x Outer diameter	
Bending radius (dynamic)	10 x Outer diameter	
Travel speed (C-track)	5 Mio. @ 25 °C	
No. of torsion cycles	2 Mio.	
Torsion stress	± 30 °/m	

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